

REMARKS

Applicant has carefully studied the Official Action of April 10, 2003. In response to the Notice of Non-compliant amendment the listing of the claims has been revised to use strikethroughs (rather than brackets) to indicate cancelled subject matter. The present response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. This amendment also addresses the claim amendment issues in the Notice of Non-Compliant amendment mailed August 7, 2003. Favorable reconsideration and allowance of the application is respectfully requested.

The drawings are objected to because reference numbers 995 and 998 do not appear. Enclosed please find a new Fig. 3 to which reference numerals 995 and 998 have been added, and no other changes have been made.

The drawings are also objected to because they include reference numeral 1600 which is not in the specification. Paragraph 66 of the specification (page 16) has been amended to add reference numeral 1600 to the specification without adding any new matter.

The disclosure is objected to due to various informalities noted by the Examiner. A substitute specification (marked-up version and clean version) containing no new matter is enclosed herewith in which these informalities and others have been corrected.

Claims 8, 14, 16, 18, 20 - 22, 24 - 26, 28, 30 - 41, 42 and 44 are objected to because of various informalities noted by the Examiner. These informalities have been dealt with as follows: Claim 8, a limitation has been added to the claim as suggested by the Examiner. The new limitation is supported by paragraph 7. Dependent method claims which depend from system claims have been amended to substitute --system-- for "method" as suggested by the Examiner. Claims 20 - 21 have been amended to remove a missing antecedent. The amendments to these claims are supported by paragraph 86. Periods have been added where missing. Claims 30 - 39 have been amended to remove missing antecedents. Claims 38 - 39 have been amended as suggested by the Examiner. Other informalities such as missing antecedents have also been corrected.

Claims 1 - 5, 7 - 9, 13 - 31 and 34 - 48 stand rejected under 35

USC 103a as being unpatentable over Lang '429 in view of Drupsteen et al '869. Claims 6, 10 - 12 and 32 - 33 stand rejected under 35 USC 103a as being unpatentable over Lang as modified by Drupsteen and further in view of Mandelbaum et al.

Lang '429 and Drupsteen et al '869 describe security access modules (SAMs). Claim 1 has been amended to more clearly distinguish the invention of claim 1 from the prior art of record. As amended, claim 1 recites a system for supporting mutually exclusive program execution, including both a SAM and a computing application environment whose interaction with the SAM is defined by all of the following synergistic characteristics:

- a. The computing application environment is "separated from the SAM by SAM-access controlling rules",
- b. The computing application environment is "operable to execute operations, use of which is regulated by the SAM, on at least one of the following: downloaded data downloaded from said repositories by said SAM; and firewall-protected random access data",
- c. "the use of the downloaded data by the computing application environment, and access of the computing application environment to the downloaded data, are regulated by the SAM";
- d. "the firewall-protected random access data is stored in memory which is made accessible to said computing application environment only by the SAM".

The synergistic combination of these four characteristics, as recited in claim 1 as amended, is neither shown nor suggested in any of the prior art of record and provides an open system serving at least one entity using at least one program, without compromising mutually exclusive execution, by the at least one entity, of the at least one program. Therefore, claim 1 is deemed patentable. Similarly, claims 2 - 4, 6, 7 - 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 - 48, all of which depend from claim 1 and recite additional patentable subject matter, are also deemed patentable a fortiori.

Claim 5 has been cancelled without prejudice. Claims 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39 and 41, which depend from claim 5, have been amended to depend from new claim 49. New claim 49 is a method claim which corresponds generally to system claim 1 and therefore is also deemed

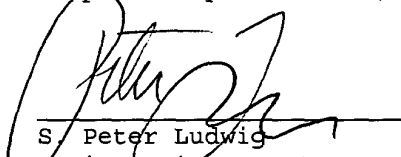
patentable with reference to the above discussion of the patentability of claim 1. Claims 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39 and 41, all of which depend from new claim 49 and recite additional patentable subject matter, are also deemed patentable a fortiori. Claim 43 depends from claim 15, and claim 45 depends from claim 17, and each also recites additional patentable subject matter. Therefore, claims 43 and 45 are also deemed allowable a fortiori.

The amendment to claim 1 and new claim 49 are supported by pages 12 - 14, paragraphs 60 - 65; Figs. 4, 9 and 10.

Applicant has carefully studied the remaining prior art of record herein and concludes that the invention as described and claimed in the present application is neither shown in nor suggested by the cited art.

In view of the foregoing remarks, all of the claims are believed to be in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Respectfully submitted,



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